

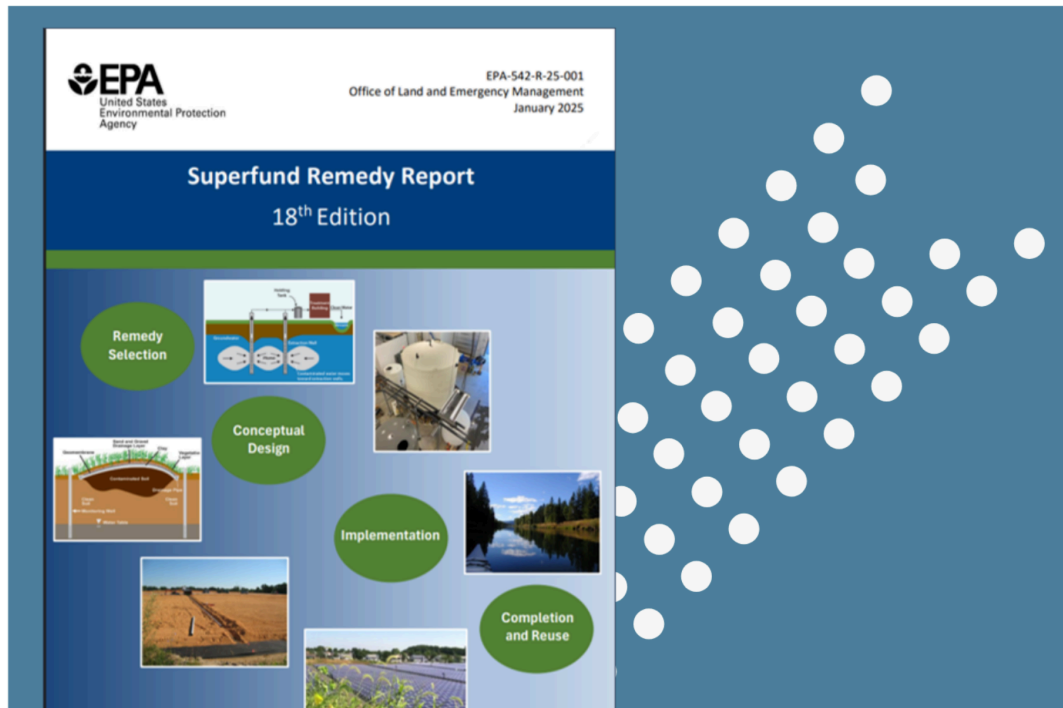
SURF Break | April 2025



Remediation Project Marks Largest Single Removal Event in Washington State

A new SURF case study about the Pasco Landfill National Priorities List (NPL) site in Washington state will be the subject of SURF's April 30th webinar ([click here](#) to register). The case study ([click here](#)) describes a removal action involving the excavation of more than 35,000 buried drums and 23,800 tons of waste. Having a hard time picturing 35,000 drums? Placed next to each other, the drums equal the length of Manhattan Island (NY) – over 13 miles. During the project's design phase, the project team, including the contractor, worked closely with the regulators to incorporate remediation strategies to safely remove the buried drums and protect the nearby community. Green and sustainable remediation tenants and the development of a carbon footprint tracking process were also included in the design. Remediation activities were performed between October 2020 and August 2022. Transportation and disposal volumes were reduced by recycling 229 tons of concrete, 10 tons of

steel, and 1,000 tons of asphalt and repurposing 329 tons of concrete ballast. “This was truly a monumental effort, and the safe and thorough execution of the drum removal could only have occurred through extensive collaboration between local governments, businesses, contractors, and the entities responsible for cleanup,” said Jeremy Schmidt, Washington State Department of Ecology’s site manager.



Dive In! Superfund Remedy Report, 18th Edition

Diving into the U.S. Environmental Protection Agency’s Office of Superfund Remediation and Technology Innovation *Superfund Remedy Report 18th Edition* is like a time warp and trivia game all in one:

- How many decision documents were published for final and deleted National Priority List (NPL) sites from FY 1981 through FY 2023?
- How many sites selected and/or implemented a source pump-and-treat technology from FY 1991 to FY 1995?
- What percentage increase of sites have selected and/or implemented a treatment remedy over the last 20 years?

Our trivia questions aside, the report also delves deeper into some of the numbers and provides insights. For example, “...on-site containment and off-site disposal remedies for soil in FY 2023 decision documents showed that while off-site disposal was selected more frequently, a higher volume of soil was managed using on-site containment. The smaller volumes of soil sent for off-site disposal were often principal threat wastes or hotspots...” Click [here](#) to read the report. (Answers to trivia questions are 6,297; 10%; and 44.)



The Green Amendment Trend – Is It Becoming a Movement?

What do bell bottoms, the creation of the U.S. Environmental Protection Agency, and disco have in common? They all happened in the 1970s – the same timeframe that environmental rights amendments were added to the constitutions of six U.S. states: Hawaii, Illinois, Massachusetts, Montana, Pennsylvania, and Rhode Island. In the last few years, at least nine other states

have drafted or have been drafting legislation to incorporate “Green Amendments” into their constitutions. In general, Green Amendments “recognize and protect the rights of all people, including future generations, to pure water, clean air, a stable climate, and a healthy environment” ([source](#)). In 2021, the State of New York was successful in amending its Bill of Rights to enforce an individual’s inalienable right to a healthy environment like freedom of speech and freedom of religion. Whether these efforts are a movement (as some claim) remains to be seen. For more information, click [here](#) and [here](#).

SURF MEMBER SPOTLIGHT

PAIGE MOLZAHN, SURF PRESIDENT, JACOBS

I have been passionate about the environment for my whole life—so much so that, even in 8th grade, I was selected as “Most Likely to Save the World.” Today, that passion drives my work as an environmental engineer at Jacobs, where I manage projects to remediate PFAS and other contaminants from the environment. As the current SURF President, I am committed to bringing my positivity to the evolving environmental landscape.

SURFER SINCE... 2022 (three years)

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WHAT’S YOUR FAVORITE PART ABOUT BEING A SURF MEMBER?

The best part of being a SURF member has been the meaningful connections I’ve made with others in the community. Meeting folks that share similar passions and ambitions but bring diverse perspectives has been invaluable to my personal and professional growth. I love learning from fellow members and finding inspiration in their unique experiences and ideas.



Upcoming Events

SURF Events

SURF Webinar: Sustainable Remediation Strategy, Best Practices, and Real-World Applications

Wednesday, April 30, 2025

12 p.m. - 1 p.m. EDT

Click [here](#) to register.

SURF Short Course: SURF Guide to Sustainable Resilient Remediation Tools

Battelle Bioremediation Conference

Monday, June 23, 2025

Click [here](#) to register.

SURF Sessions and Meeting at AEHS East Coast Conference

41st Annual International Conference on Soils, Sediments, Water, and Energy

October 20-23, 2025

University of Massachusetts, Amherst, MA
Click [here](#) for more information.

Other Events

EPA Webinar: Wildfires

Wednesday, May 21, 2025
3 p.m. – 4 p.m. EDT
Click [here](#) for more information.

AquaConSoil 2025

June 16-20, 2025
Liège, Belgium
For more information, click [here](#).

2025 National Brownfields Training Conference

August 5-8, 2025
Chicago, IL
Click [here](#) for more information.

RemTech Europe 2025

September 15-19, 2025
Ferrara, Italy
Click [here](#) for more information.

RemTEC & Emerging Contaminants Summit

October 14-16, 2025
Westminster, CO
Click [here](#) for more information.

ecoforum 2025 – From Contamination to Restoration: Protect, Sustain, Thrive

October 28-30, 2025
Brisbane, Australia
Click [here](#) for more information.

2025 Global Summit on Environmental Remediation

November 4–6, 2025
Pacific Northwest National Laboratory
Richland, WA
Submit abstracts by June 6; click [here](#) for more information.